hereby certify that this correspondence is being deposited in the United States Postal Services as First Class Mail in an envelope addressed to:

Mail Stop Non-Fee Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

22 January 2004

PATENT

Attorney Docket No.: DB000575-023

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Keeth et al.

Examiner:

Kenneth B. Wells

Serial No.:

09/934,795

Filed:

22 August 2001

Group Art:

2816

Entitled:

256 MEG DYNAMIC RANDOM ACCESS MEMORY

TRANSMITTAL LETTER

To:

Mail Stop Non-Fee Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

In response to the Notice of Non-Compliant Amendment mailed on 16 January 2004 for the above-captioned application, enclosed is the following:

A Response to the Non-Compliant Amendment.

The Commissioner is hereby authorized to charge any underpayment or credit any overpayment to our Deposit Account No. 20-0888. A copy of this transmittal letter is enclosed.

A return postcard is also enclosed. Please date stamp and mail the postcard in order to acknowledge receipt of this correspondence.

Respectfully submitted,

Richard J. Colchen

Richard J. Coldren

Reg. No. 44,084

THORP, REED & ARMSTRONG

One Oxford Centre, 14th Fl.

301 Grant St.

Pittsburgh, Pennsylvania 15219-1425

(412) 394-2442

Attorneys for Applicants

Dated: 22 January 2004

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Mail Stop Non-Fee Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT

A Response and Amendment was originally mailed to the USPTO on 23 December 2003. The instant "Amendments to the claims" section is being resubmitted as required by a Notice of Non-Compliant Amendment mailed on 16 January 2004 which indicated that a complete listing of all claims was not present (i.e., the status of claims 1 - 173 was inadvertently omitted). The status of claims 1 - 173is added. It is believed that a complete listing of all the claims is provided.

Respectfully submitted,

Richard J. Coldren

Richard J. Coldren Reg. No. 44,084

Thorp Reed & Armstrong LLP One Oxford Centre, 14th Floor Pittsburgh, PA 15219-1425

(412) 394-2442

Attorneys for Applicant

Dated: 22 January 2004